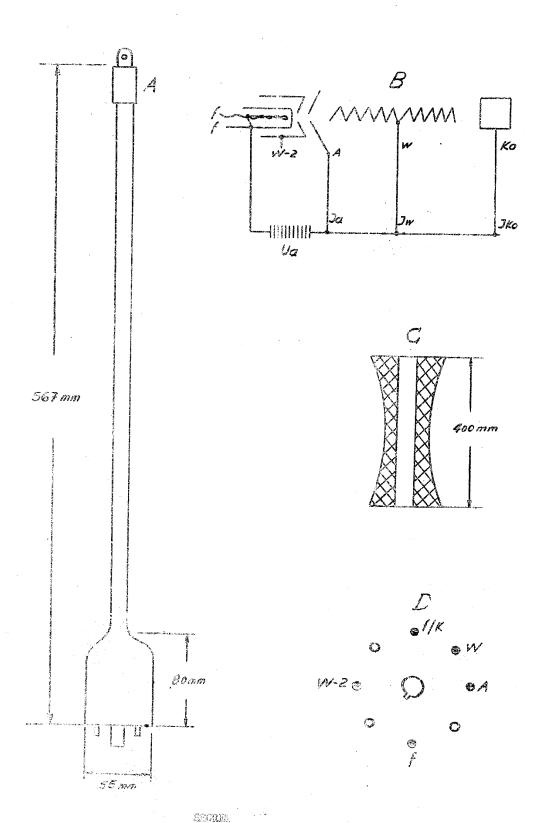
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	Approved For Release 2003/11/21:	CIA-RDP80-00810A 25X1	\00 2 300380002-3	
	CLASSIFICATION SECRET CENTRAL INTELLIGEN		25 REPORT NO.	5X1A
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	ৰূপত [†] :		wes and	l l
COUNTRY	East Germany		DATE DISTR.	24 September 1953
SUBJECT	Development of Hoving Field Tub in Rest Germany 25X1A	es	NO OF PAGES	Since of
PLACE ACQUIRED			NO. OF ENCLS.	Training and
DATE OF INFO.	· •		SUPPLEMENT TO REPORT NO.	25X1A
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OF THE BEITING STE OF ITS COLUMN OF THEITED BY LAW R	Reporting of the form is producted.	THIS IS UNEVAL		TION TO STATE OF THE STATE OF T
the empths disassemment of the disassemment of	k fuer Fernmeldewesen was scheduled the fuer Fernmeldewesen was scheduled development work up to March 1953 we loyed in decimetric wave sets. The collector cap was of vacuum coppersmeter of 0.3 mm and had a diameter of ple tubes were; an output Capacitance MHz; amplification of 36 db; filames of 1.1 amp; anode voltage (U ₂) of 1.2 amp; anode voltage (U ₂) of 2 to 3 mA; collector cureciph of 2,000 Gauss.	to start in 1954 ore delivered to body of the tube. The coil was made of 300 mH; widness to voltage (Ur) and ky; anode currect (Iko) of 20 cm.	Sachsenwerk R consisted of a consisted at a consisted and at a consisted and a consisted and a consisted a consisted and a consist	ents produced for adeberg to be hard gless, and um wire of a eristics of the 3,000 MHz of ilament current to 1 mA; coil metic field
char enodestre fiel 25X1A cue deva in 1	1952, the Work fuer Fernmeldewesen Higes which could also be used as frequenceristics were: an amplification of is current of 2 to 3 mA: collector or anyth of 600 Gauss. The tube was 52 old tube for low power stages was schewith good efficiency in the final statement of sets will be possible only 1954 at the earliest. In early 1953, the development of the IMS 100-type to	of 30 db; an anocarrent of 30 to 30 m long. In 1953, eduled to be developed by after the comp.	The electrical Three leads of 2 ma; and a ma a moise siler elected and, in	cal 2,000 volt; an gratic field cing moving 1954, another the
3° In t orig shor	the fourth quarter of 1952, experimential American-made moving field tube to time.	ts were made in s. They failed a	the Funkwerk K nd were discon	cepenick with tinued after a
25X1A	٦.,			
	Gormant. For sketch of the moving Gormant. The characteristics repo			3 40.
25X	1A	d	ar ass ar safil.	,
	otherhole for			
Total to the second ten by well and	CLASSIFICATION SECRET MANY IN SECRET ARR FE SEL	IN F		25X1A



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25X1	Α
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A	Mimensioned sketch
Ŀ	Wiring diagram
	? filement
	% cathode
	WaZ Wehnelt-cylinder
	Λ anode
	W coiled filement
	%o collector
c	Scheme of the magnet coil
	The thickness of the winding is in the middle of the coil about half of that at the ends.
D	Tube base, with octal fitting, for meaning of the letter, see B.

SHARLE